

Agriculture.

HOW TO TEST THE RICHNESS OF MILK.

It is of no little importance to have at hand a convenient and reliable mode of testing the richness of milk. This is usually done by the mere rule of "guess." We will give a more reliable way, within the reach of all, and one whereby any person may safely govern himself in deciding upon which of any number of milkmen he will patronize, or of which of any number of cows he will purchase.

Procure any long glass vessel—a cologne bottle or a long phial. Take a narrow strip of paper, just the length from the neck to the bottom of the phial, and mark it off with 100 lines at equal distances; or, if more convenient, and to obtain greater exactness, into fifty lines, and count each as two—and paste it upon the phial, so as to divide its length into a hundred equal parts. Fill it to the highest mark with milk fresh from the cow, and allow it to stand in a perpendicular position twenty-four hours. The number of spaces occupied by the cream will give you the exact percentage in the milk, without any guess-work.

Now, if you wish to carry the experiment further, and ascertain the per centage of butter in your cream, set the milk in a large dish, and collect, say 100 or 200 ounces of cream; make your butter, and you will know the per centage of butter in the cream by ascertaining the number of ounces of butter you have made from it. Thus, if 100 ounces of milk give 10 ounces of cream, and 10 ounces of cream give five ounces of butter, you will know that 100 ounces of milk will give five ounces of butter.

Such experiments are worth being made, and made carefully. In no other way can you know what you have in a cow or milk, or what you are buying. In this way also you may test the exact nutritive value of different kinds of milk from your cows—a very important matter. Farmers may derive much benefit by making a few simple experiments, now and then. They need not interfere with any of the regular duties of the farm; and nothing but a spirit of habitual indolence of thought and action will keep them from doing so. Such experiments often lead to important results, and evoke interesting and instructive facts.—*Exchange.*

FEEDING ANIMALS.

It has not proved profitable to feed cattle large quantities of grain at a time. A moderate quantity, fed with great regularity, and the comfort of the animals generally attended to, so that there may be a constant and continued improvement, has succeeded best. We have known a number of experiments, giving results similar to the following:—

A neighbour who had provided himself with a platform scales for this purpose, fed a fine steer first with four quarts of barley meal daily in addition to his fodder, and found by weighing that he gained regularly eighteen pounds a week. But he was urged to "push him," in order to see what could be made of so fine an animal. He was accordingly fed with eight quarts a day when the increase immediately became less; and on increasing the meal still further per day, he gained nothing. Overfeeding had proved an injury. It is important to avoid the error of feeding animals too little for a time, and then attempting to make up the deficiency by overdosing. The best way, and in fact the only way for success, is to keep up a constant increase, year in and year out.

For feeding swine, it is important to grind the corn—for cattle less so, and it will depend much on the distances to the mill, cost of conveyance, grinding, etc.

The precise amount gained by steaming food for horses we do not think has been accurately determined.

As to the quantity of general feeding for cattle, they should have at the rate of two and a half pounds daily for each hundred pounds of their weight—a large animal, of course, requiring more than a small one. This quantity, moreover, varies with the character of the animal, the condition and quantity of the food, care in feeding, etc.; but it is about a fair average, when the food is of a mixed character, part chaff and part meal. Swine require about three pounds for each hundred pounds of live animal.

Rye sown in autumn makes early food for soiling; clover next, then orchard grass, early corn fodder, etc.—*Country Gentleman.*

MESSENGER ALMANACK.

June, 1870.

First Quarter, June 6th, 7h. 2m. afternoon.									
Full Moon, " 13th, 9h. 33m. morning.									
Last Quarter, " 20th, 5h. 19m. morning.									
New Moon, " 28th, 7h. 19m. afternoon.									
Day	SU.	MOON.	High Tide						
M. Wk.	Rises.	Sets.	Rises South.	Sets.	Lat	Halifax			
1 W.	4 23	7 31	6 18	1 52	9 26	8 51			
2 Th.	4 22	7 32	7 9	2 44	10 18	9 24			
3 F.	4 22	7 33	8 8	3 37	11 5	10 2			
4 Sa.	4 22	7 34	9 12	4 30	11 47	10 41			
5 SU.	4 21	7 35	10 20	5 21	morn	11 27			
6 M.	4 21	7 36	11 29	6 11	0 22	morning			
7 Tu.	4 20	7 36	A. 40	7 2	0 53	0 20			
8 W.	4 20	7 37	1 53	7 53	1 24	1 25			
9 Th.	4 20	7 37	3 7	8 45	1 53	2 41			
10 F.	4 20	7 38	4 23	9 39	2 23	3 47			
11 Sa.	4 20	7 38	5 41	10 37	2 55	4 49			
12 SU.	4 19	7 39	6 58	11 35	3 32	5 49			
13 M.	4 19	7 40	8 8	morn.	4 13	6 42			
14 Tu.	4 19	7 40	9 11	0 36	5 4	7 30			
15 W.	4 19	7 41	10 4	1 36	6 1	8 21			
16 Th.	4 19	7 41	10 48	2 33	7 2	9 7			
17 F.	4 19	7 41	11 28	3 27	8 6	9 52			
18 Sa.	4 19	7 42	11 58	4 18	9 13	10 39			
19 SU.	4 19	7 42	morn	5 4	10 15	11 23			
20 M.	4 19	7 42	0 20	6 49	11 17	A. 13			
21 Tu.	4 20	7 43	0 44	6 51	A. 18	2 3			
22 W.	4 20	7 43	1 6	7 12	1 18	3 7			
23 Th.	4 20	7 43	1 30	7 54	2 17	4 6			
24 F.	4 21	7 43	1 55	8 36	3 17	5 4			
25 Sa.	4 21	7 43	2 22	9 20	4 18	6 54			
26 SU.	4 21	7 43	2 53	10 6	5 19	8 36			
27 M.	4 22	7 43	3 29	10 54	6 18	9 36			
28 Tu.	4 22	7 43	4 13	11 46	7 19	10 55			
29 W.	4 23	7 43	5 4	A. 39	8 14	12 55			
30 Th.	4 23	7 43	6 1	1 33	9 4	8 33			

THE TIDES.—The column of the Moon's Southings gives the time of high water at Pictou, Cornwallis, Horton, Hantsport, Windsor, Newpo t, and Truro.

High water at Pictou and Cape Tormentine 2 hours and 30 minutes later than at Halifax. At Annapolis, St. John, N. B., and Portland Maine, 3 hours and 44 minutes later, and at St. John's, Newfoundland, 1 hour earlier, than at Halifax.

FOR THE LENGTH OF THE DAY.—Add 12 hours to the time of the sun's setting, and from the sum subtract the time of rising.

FOR THE LENGTH OF THE NIGHT.—Subtract the time of the sun's setting from 12 hours, and to the remainder add the time of rising next morning.

GREAT CLOSING SALE OF English and American BOOTS AND SHOES! AT AND BELOW COST.

THE Subscriber will offer from this date the balance on hand of the above mentioned Goods at Reduced Prices. And will continue the sale until the whole is disposed of.

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Will find in this STOCK, some Very Cheap Job Lots.

TERMS CASH.

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N. B.—This Stock has no reference to Home Manufactured Goods.
Feb. 3.

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A Farm containing 300 acres consisting of 40 or 50 acres of land, partly upland, and partly intervals cleared and in a good state of cultivation. About twenty acres of intervals and first-rate arable ground to clear situated on the banks of Stewiacke River, with a good Brook running through the intervals, about ten rods from the House. The rest of the land is good woodland with a fine chance improvement.

There is good Dwelling House, a large Out-house, a very large Barn 60 feet long, and in prime order. A never failing well inside the House, and a thriving Orchard consisting of Apple and Plum trees near the House, pleasantly situated.

The terms of sale made easy. For further particulars apply to

JAS. E. SCOTT, Brookfield, Colchester Co.
This is a splendid chance for an industrious man. The property is situated in the thriving settlement of Middle Stewiacke, 9 miles from Brookfield Railway Station.

April 6. 3m.

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Asthma, Bronchitis, Consumption, Coughs, Colds, Scrofula, &c. &c.

REV EDWARD A. WILSON'S remedy or the permanent cure of the above complaints, may be had GENUINE from H. A. TAYLOR, The Barrington Street Druggist, Halifax, who is sole Agent for Nova Scotia.

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Feb. 23
4m.

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I know I should not steal nor use The smallest thing I see.

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The above beautiful melody is from "THE UNION CHIMES," a new and superior collection of Hymns and Tunes of 150 pages, designed for the Sabbath School, Prayer Meeting, and the Social Circle, by G. W. Linton.

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Amongst the diseases overcome by the use of this remedy, are the following:—

Chronic Constipation, Chronic Dyspepsia, Chronic Asthma, Chronic Bronchitis, Chronic Consumption, Chronic Paralysis, Chronic Laryngitis, Chronic Diarrhea, Nervous Debility, Melancholy.

Debility resulting from typhoid and other low fevers, Diphtheritic Prostration, Hysteria, Hypochondria, Amenorrhoea, Chlorosis, Anaemia, Leucorrhoea, Nervous Excitability, Merasmus, or Wasting of the Muscles, Aphonia, or Loss of Voice, Amaurosis, or Loss of Vision, Chorea, or St. Vitus' Dance, Sluggishness of the Liver, Interrupted and Feeble Action of the Heart, Suffocating Feelings caused by mucous obstructions of the Lungs and Air Passages leading thereto, and Debility from various causes, many of which appeared hopeless.

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Oct. 28. eow.

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For all the purposes of a Laxative Medicine.

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They operate by their powerful influence on the internal viscera to purify the blood, and stimulate it into healthy action—remove the obstructions of the stomach, bowels, liver, and other organs of the body, restoring their irregular action to health, and by correcting, wherever they exist, such derangements as are the first origin of disease.

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For Suppression of Urine, they should be taken as it produces the desired effect by sympathy.

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An occasional dose stimulates the stomach and bowels into healthy action, restores the appetite, and invigorates the system. Hence it is often advantageous where no serious derangement exists. One who feels tolerably well, often finds that a dose of these Pills makes him feel decidedly better, from their cleansing and renovating effect on the digestive apparatus.

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WHAT ONE HUNDRED LETTERS a-day say from patients all over the habitable globe:

'Dr. Maggiel, your pill had rid me of all biliousness.'

'No more noxious doses for me in five or ten pill taken at one time. One of your pills cured me.'

'Thanks, Doctor. My headache has left me. Send another box to keep in the house.'

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'Our doctors treated me for Chronic Constipation, as they called it, and at last said I was incurable. Your Maggiel's Pills cured me.'

'I had no appetite; Maggiel's Pills gave me a hearty one.'

'Your pills are marvellous.'

'I send for another box, and keep them in the house.'

'Dr. Maggiel has cured my headache that was chronic.'

'I gave half one of your pills to my babe for cholera morbus. The dear young thing got well in a day.'

'My nausea of a morning is now cured.'

'Your box of Maggiel's Pills cured me of noises in the head. I rubbed some Salve behind my ears and the noise left.'

'Send me two boxes—I want one for a poor family.'

'I enclose a dollar—your price is twenty-five cents but the Medicine to me is worth a dollar.'

'Send me five boxes of your pills.'

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MAGGIEL'S PILLS!

Are a perfect cure. One will satisfy anyone.

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